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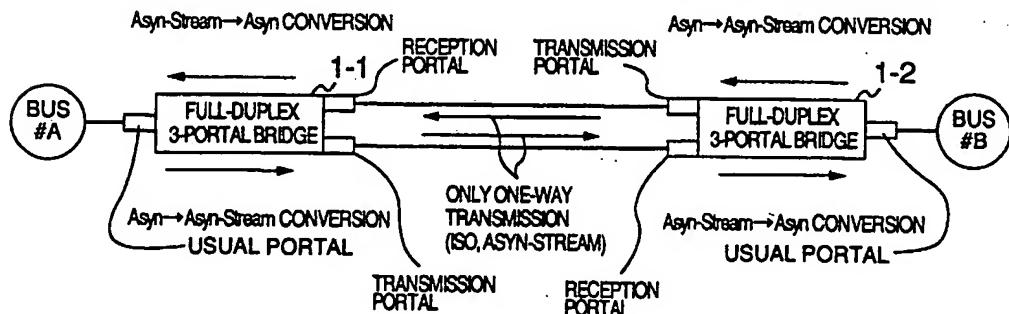
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(54) Bridge for IEEE 1394 bus network

(57) The two-way transmissions are performed between a first bus (#A) and a usual-portal of a first full-duplex 3-portal bridge (1-1) and between a second bus (#B) and a usual portal of a second full-duplex 3-portal bridge (1-2), respectively. The one-way transmission of an isochronous packet and an asynchronous stream packet is performed between transmission and recep-

tion portals of the first full-duplex 3-portal bridge (1-1) and reception and transmission portals of the second full-duplex 3-portal bridge (1-2). The first full-duplex 3-portal bridge (1-1) and the second full-duplex 3-portal bridge (1-2) perform a conversion between the asynchronous stream packet and an asynchronous packet if necessary.

FIG. 4A



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EUROPEAN SEARCH REPORT

Application Number
EP 00 11 1361

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)						
X	WO 98 11726 A (SONY TRANS COM INC) 19 March 1998 (1998-03-19) * page 12, line 11 - line 21 * * page 14, line 1 - line 9; figure 2 *	1,2,5,9, 11,17,18	H04L12/46 H04L12/64						
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The present search report has been drawn up for all claims									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Place of search</td> <td style="padding: 2px;">Date of completion of the search</td> <td style="padding: 2px;">Examiner</td> </tr> <tr> <td style="padding: 2px;">THE HAGUE</td> <td style="padding: 2px;">10 September 2002</td> <td style="padding: 2px;">Gregori, S</td> </tr> </table>				Place of search	Date of completion of the search	Examiner	THE HAGUE	10 September 2002	Gregori, S
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<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; vertical-align: top;"> CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document </td> <td style="width: 10%; vertical-align: top; text-align: center;"> T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document </td> </tr> </table>				CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document				
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